



MARCH 30, 2000



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/05/1999

REEL/FRAME: 010487/0039
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KAWAKAMI, HIROSHI

DOC DATE: 10/25/1999

ASSIGNOR:

TAMURA, MOTOSHI

DOC DATE: 10/25/1999

ASSIGNOR:

ISHINO, FUMIAKI

DOC DATE: 10/25/1999

ASSIGNOR:

AKIYAMA, DAISUKE

DOC DATE: 10/25/1999

ASSIGNOR:

NAKANO, MASATOMO

DOC DATE: 10/25/1999

ASSIGNEE:

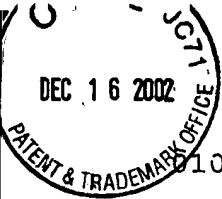
NTT MOBILE COMMUNICATIONS NETWORK
INC.

10-1, TORANOMON 2-CHOME, MINATO-KU
TOKYO 105-8436, JAPAN

RECORDS UPDATED

04/10/00

APR



10487/0039 PAGE 2

SERIAL NUMBER: 09423131
PATENT NUMBER:

FILING DATE: 11/05/1999
ISSUE DATE:

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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commission

101246631

ached original documents or copy thereof.

1. Name of conveying party(ies):

Hiroshi Kawakami, Motoshi Tamura, Fumiaki Ishino,
Daisuke Akiyama, Masatomo NakanoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: October 25, 1999

2. Name and address of receiving party(ies):

Name: NTT Mobile Communications Network Inc.

Internal Address: _____

Street Address: 10-1, Toranomon 2-chome, Minato-ku,
Tokyo 105-8436, Japan

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s)

09/423131

If this document is being filed together with a new application, the execution date of the application is: 10/25/99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BROWN RAYSMAN MILLSTEIN FELDER & STEINER LLP
120 West 45th StreetNew York, New York 10036
(212) 944-15156. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):..... \$ 40.00

- ☒ Check enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 02-4270

(Attach duplicate copy of this page by deposit account)

Please charge any additional fees required, or credit any overpayment, to the above deposit account

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Larry Liberchuk

Name of Person Signing

Signature

Nov. 5, 1999

Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

0170942.02

ASSIGNMENT

WHEREAS, we, 1) Hiroshi KAWAKAMI, 2) Motoshi TAMURA,
3) Fumiaki ISHINO, 4) Daisuke AKIYAMA and 5) Masatomo NAKANO

a citizen of Japan,

residing at

- 1) 4-18-2-203, Nobi, Yokosuka-shi, Kanagawa 239-0841, Japan,
- 2) 4-18-2-101, Nobi, Yokosuka-shi, Kanagawa 239-0841, Japan,
- 3) 4-15-1-507, Sekimachiminami, Nerima-ku, Tokyo 177-0053, Japan,
- 4) URBAN-PALACE #210, 3-65-5, Iriyamazumachi, Yokosuka-shi, Kanagawa 238-0051, Japan and
- 5) Urban-hites Doshida #B-142, 43-2, Tana-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0064, Japan

have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for Letters Patent of the United States titled

TRAFFIC CONTROL UNIT AND TRAFFIC CONTROL METHOD

(hereinafter referred to as "said application"), said application having been executed on even date herewith or filed on _____ and assigned application Serial No. _____.

WHEREAS, NTT MOBILE COMMUNICATIONS NETWORK INC.,
(hereinafter together with its successors and assigns referred to as "the Assignee"), a Japanese corporation, having a place of business at
10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-8436 JAPAN
is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, we have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee all right, title and interest in, to and under said invention(s) and said application, including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent which may issue thereon in the United States and foreign countries, and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention(s) or upon said applications, to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application and said Letters Patent, the same to be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the same would have been held and enjoyed by us had this Assignment not been made. We hereby authorize the Assignee to file patent applications in any and all countries on any or all of said invention(s) in our names, or in its name, or otherwise as the Assignee may deem advisable, under the International Convention or otherwise.

We hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

We hereby represent and warrant that we have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

We hereby covenant and agree that we will, upon request of the Assignee, communicate to the Assignee any facts known to us relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

Date: October 25, 1999

Hiroshi Kawakami
(Signature) Hiroshi KAWAKAMI

Date: October 25, 1999

Motoshi Tamura
(Signature) Motoshi TAMURA

Date: October 25, 1999

Fumiaki Ishino
(Signature) Fumiaki ISHINO

Date: October 25, 1999

Daisuke Akiyama
(Signature) Daisuke AKIYAMA

Date: October 25, 1999

Masatomo Nakano
(Signature) Masatomo NAKANO



RECORDATION COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
NTT MOBILE COMMUNICATIONS NETWORK INC.

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☒ Change of Name
☐ Other _____

Execution Date: **April 1, 2000**

2. Name and address of receiving party(ies):

Name: **NTT DOCOMO, INC.**

Internal Address: _____

Street Address: **11-1, Nagatacho 2-chome, Chiyoda-ku
Tokyo, Japan**

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

see attached list for

B. Patent No.(s) _____

applications and
patents affected

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Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Adrian J. Lee**

Internal Address: _____

Street Address: **Workman, Nydegger & Seeley**

1000 Eagle Gate Tower, 60 East South Temple

City: **Salt Lake City** State: **UT** ZIP: **84111**

6. Total number of applications and patents involved: **52**

7. Total fee (37 CFR 3.41):.....\$ **2,080.00**

- ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:

23-3178

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

ADRIAN J. LEE

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **16**